=> FILE REG
FILE 'REGISTRY' ENTERED AT 16:26:54 ON 28 APR 2004
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 27 APR 2004 HIGHEST RN 677274-15-6
DICTIONARY FILE UPDATES: 27 APR 2004 HIGHEST RN 677274-15-6

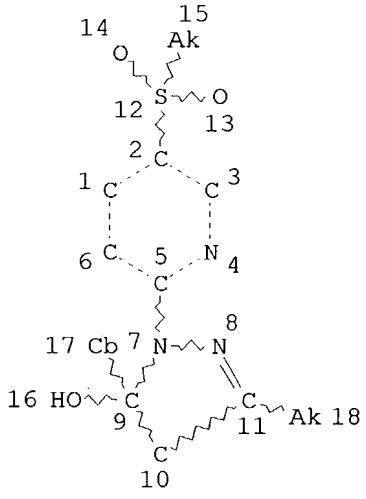
TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2004

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:
http://www.cas.org/ONLINE/DBSS/registryss.html

=> D QUE L5
L3 STR



NODE ATTRIBUTES:
DEFAULT MLEVEL IS ATOM
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
RING(S) ARE ISOLATED OR EMBEDDED
NUMBER OF NODES IS 18

STEREO ATTRIBUTES: NONE
L5 0 SEA FILE=REGISTRY SSS FUL L3

no structures found in Registry

=> FILE MARPAT

KATHLEEN FULLER EIC 1700 REMSEN 4B28 571/272-2505

FILE 'MARPAT' ENTERED AT 16:27:21 ON 28 APR 2004
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

Marpat File

FILE CONTENT: 1988-PRESENT (VOL 140 ISS 17)(20040423/ED)

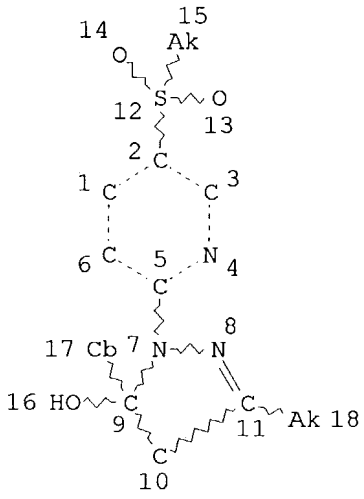
MOST RECENT CITATIONS FOR PATENTS FROM FIVE MAJOR ISSUING AGENCIES
(COVERAGE TO THESE DATES IS NOT COMPLETE):

US 6709645 23 MAR 2004
DE 10335606 11 MAR 2004
EP 1403278 31 MAR 2004
JP 2004099560 02 APR 2004
WO 2004024934 25 MAR 2004

Contains Markush structure from patents 1988 → not structurally searchable in other files

Structure search limits have been raised. See HELP SLIMIT for the new, higher limits.

=> D QUE L7
L3 STR



One answer from this query - applicant

NODE ATTRIBUTES:
DEFAULT MLEVEL IS ATOM
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
RING(S) ARE ISOLATED OR EMBEDDED
NUMBER OF NODES IS 18

STEREO ATTRIBUTES: NONE
L7 1 SEA FILE=MARPAT SSS FUL L3

=> D L7 ALL HITSTR
'HITSTR' IS NOT A VALID FORMAT FOR FILE 'MARPAT'

The following are valid formats:

MSTR ----- All Markush structure(s) and related text information

MSTR(n) -- Markush structure(n) and related text information
IDE ------ AN and MSTR

ABS ------ AB
ALL ------ BIB, AB, IND, RE, and MSTR
APPS ----- AI, PRAI
BIB ------- AN, plus Bibliographic Data and PI table (default)
CAN ------ List of CA abstract numbers without answer numbers
CBIB ----- AN, plus Compressed Bibliographic Data
DALL ----- ALL, delimited (end of each field identified)
DMAX ------ MAX, delimited for post-processing
FAM ------- AN, PI and PRAI in table, plus Patent Family data
FBIB ------- AN, BIB, plus Patent FAM
IND ------ Indexing Data
IPC ------ International Patent Classifications
MAX ------- ALL, plus Patent FAM, RE
PATS ----- PI, SO
SAM ------ CC, SX, TI, ST, IT, and FQHIT
SCAN ----- CC, SX, TI, ST, IT, and FQHIT (random display,
no answer numbers)
STD ------ BIB, IPC, and NCL (standard patent information)

IABS ----- ABS, indented with text labels
IALL ----- ALL, indented with text labels
IBIB ----- BIB, indented with text labels
IMAX ------- MAX, indented with text labels
ISTD ----- STD, indented with text labels
OBIB ------- AN, plus Bibliographic Data (original)
OIBIB ------ OBIB, indented with text labels

SBIB ------- BIB, no citations
SIBIB ------ IBIB, no citations

HIT ------ Fields containing hit text terms and the Markush
structures containing the query structure
FHIT ----- Fields containing the first hit text terms and the first
Markush structures containing the query structure
QHIT ----- Fields containing query focus hit text terms and the
Markush structures containing the query structure
FQHIT ---- Fields containing the first query focus hit text terms and
the first Markush structures containing the query structure

To display a particular field or fields, enter the display field codes. For a list of the display field codes, enter "HELP DFIELDS" at an arrow prompt (=>). Examples of formats include: "TI"; "TI,MSTR,ABS"; "BIB,ST"; "TI,IND"; "TI,SO". You may specify the format fields in any order and the information will be displayed in the same order as the format specification.

All of the formats (except for SAM, SCAN, FHIT, HIT, FQHIT, or QHIT) may be used with the DISPLAY ACC command to display the record for a specified Accession Number.
ENTER DISPLAY FORMAT (BIB): ALL

L7 ANSWER 1 OF 1 MARPAT COPYRIGHT 2004 ACS on STN
AN 138:305792 MARPAT
TI Process for preparing pyridyl-alkylsulfonyl pyrazole derivatives

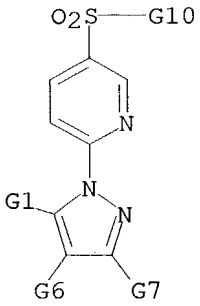
IN Bourassa, Denis Ernest; Castaldi, Michael James; Ripin, David Harold Brown
PA Pfizer Products Inc., USA
SO PCT Int. Appl., 30 pp.
CODEN: PIXXD2
DT Patent
LA English
IC ICM C07D401-04
CC 45-4 (Industrial Organic Chemicals, Leather, Fats, and Waxes)
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2003029244	A1	20030410	WO 2002-IB3908	20020919
	WO 2003029244	C1	20030904		
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	US 2003100765	A1	20030529	US 2002-256432	20020927
	US 6646128	B2	20031111		
	US 2004044042	A1	20040304	US 2003-648588	20030825
PRAI	US 2001-325647P	20010928			
	US 2002-256432	20020927			

OS CASREACT 138:305792
AB The title compds. are prepared by reaction of diones with alkylsulfonyl hyrazinylpyridines. The compds. are useful in the treatment or alleviation of inflammation and other inflammation associated disorders (no data). 5-Methylsulfonyl-2-[5-phenyl-3-difluoromethyl-1 H-pyrazol-1-yl]pyridine was prepared from 5-(methylsulfonyl)-2-hydrazinyl-pyridine and 4,4-difluoro-1-phenyl-1,3-butanedione.
ST pyridyl alkylsulfonyl pyrazole manuf
IT 343629-25-4P
RL: IMF (Industrial manufacture); PREP (Preparation)
(process for preparing pyridyl-alkylsulfonyl pyrazole derivs.)
IT 343262-51-1P 343629-61-8P
RL: IMF (Industrial manufacture); RCT (Reactant); PREP (Preparation); RACT (Reactant or reagent)
(process for preparing pyridyl-alkylsulfonyl pyrazole derivs.)
IT 124-63-0, Methanesulfonyl chloride 624-28-2, 2,5-Dibromopyridine 7803-57-8, Hydrazine hydrate 62679-61-2, 4,4-Difluoro-1-phenyl-1,3-butanedione
RL: RCT (Reactant); RACT (Reactant or reagent)
(process for preparing pyridyl-alkylsulfonyl pyrazole derivs.)
RE.CNT 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD
RE
(1) Ahluwalia; INDIAN J CHEM SECT B 1989, V28, P150
(2) Black; AUST J CHEM 1991, V44(12), P771
(3) Fatutta; GAZZ CHIM ITAL 1958, V88, P899 CAPLUS
(4) Fatutta; J HETEROCYCL CHEM 1989, V26, P183 CAPLUS
(5) Finar; J CHEM SOC 1958, P200 CAPLUS
(6) Pfizer Prod Inc; EP 1104758 A 2001 CAPLUS
(7) Uchida, C; WO 0140216 A 2001 CAPLUS

(8) Zelenin; TETRAHEDRON 1995, V51(41), P11251 CAPLUS

MSTR 1



G1 = Ph (SO (1-3) G2)
G2 = F / Cl / Br / I / OH / CN / SH /
alkyl<(1-6)> (SO (1-) G3) / cycloalkyl<(3-6)> (SO (1-) G3) /
alkenyl<(2-6)> (SO (1-) G3) / 16 / OCF3 / NH2 / CONH2 / 20 /
CHO

16 G4—G5 20 C(O)-NH—G5

G3 = R / (EX F / Cl / CF3 / alkoxy<(1-6)> /
cycloalkyloxy<(3-6)> / aryloxy<(6-10)> / OCF3 / 13 /
alkyl<(1-6)> / cycloalkyl<(3-6)>)

13 O—CF2—H

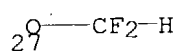
G4 = O / S / S(O) / SO2 / NH / 18

18 N—G5

G5 = alkyl<(1-6)> (SO (1-) G3) /
cycloalkyl<(3-6)> (SO (1-) G3)
G6 = H / F / Cl / Br / I / alkyl<(1-6)> (SO (1-) G3) /
cycloalkyl<(3-6)> (SO (1-) G3)
G7 = alkyl<(1-6)> (SO (1-) G8) /
cycloalkyl<(3-6)> (SO (1-) G8) / (EX 31)

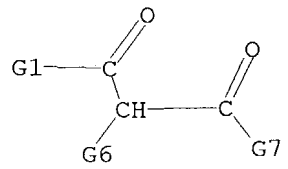
31 F2C—H

G8 = R / (-3) G9 / (EX CF3 / alkoxy<(1-6)> /
cycloalkyloxy<(3-6)> / aryloxy<(6-10)> / OCF3 / 27 /
alkyl<(1-6)> / cycloalkyl<(3-6)>)

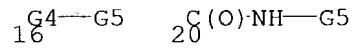


G9 = F / Cl / Br / I
G10 = alkyl<(1-6)> (SO (1-) G3) /
cycloalkyl<(3-6)> (SO (1-) G3) / (EX Me)
MPL: claim 1

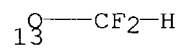
MSTR 2



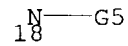
G1 = Ph (SO (1-3) G2)
G2 = F / Cl / Br / I / OH / CN / SH /
alkyl<(1-6)> (SO (1-) G3) / cycloalkyl<(3-6)> (SO (1-) G3) /
alkenyl<(2-6)> (SO (1-) G3) / 16 / OCF3 / NH2 / CONH2 / 20 /
CHO



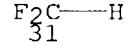
G3 = R / (EX F / Cl / CF3 / alkoxy<(1-6)> /
cycloalkyloxy<(3-6)> / aryloxy<(6-10)> / OCF3 / 13 /
alkyl<(1-6)> / cycloalkyl<(3-6)>)



G4 = O / S / S(O) / SO2 / NH / 18



G5 = alkyl<(1-6)> (SO (1-) G3) /
cycloalkyl<(3-6)> (SO (1-) G3)
G6 = H / F / Cl / Br / I / alkyl<(1-6)> (SO (1-) G3) /
cycloalkyl<(3-6)> (SO (1-) G3)
G7 = alkyl<(1-6)> (SO (1-) G8) /
cycloalkyl<(3-6)> (SO (1-) G8) / (EX 31)



G8 = R / (-3) G9 / (EX CF3 / alkoxy<(1-6)> /